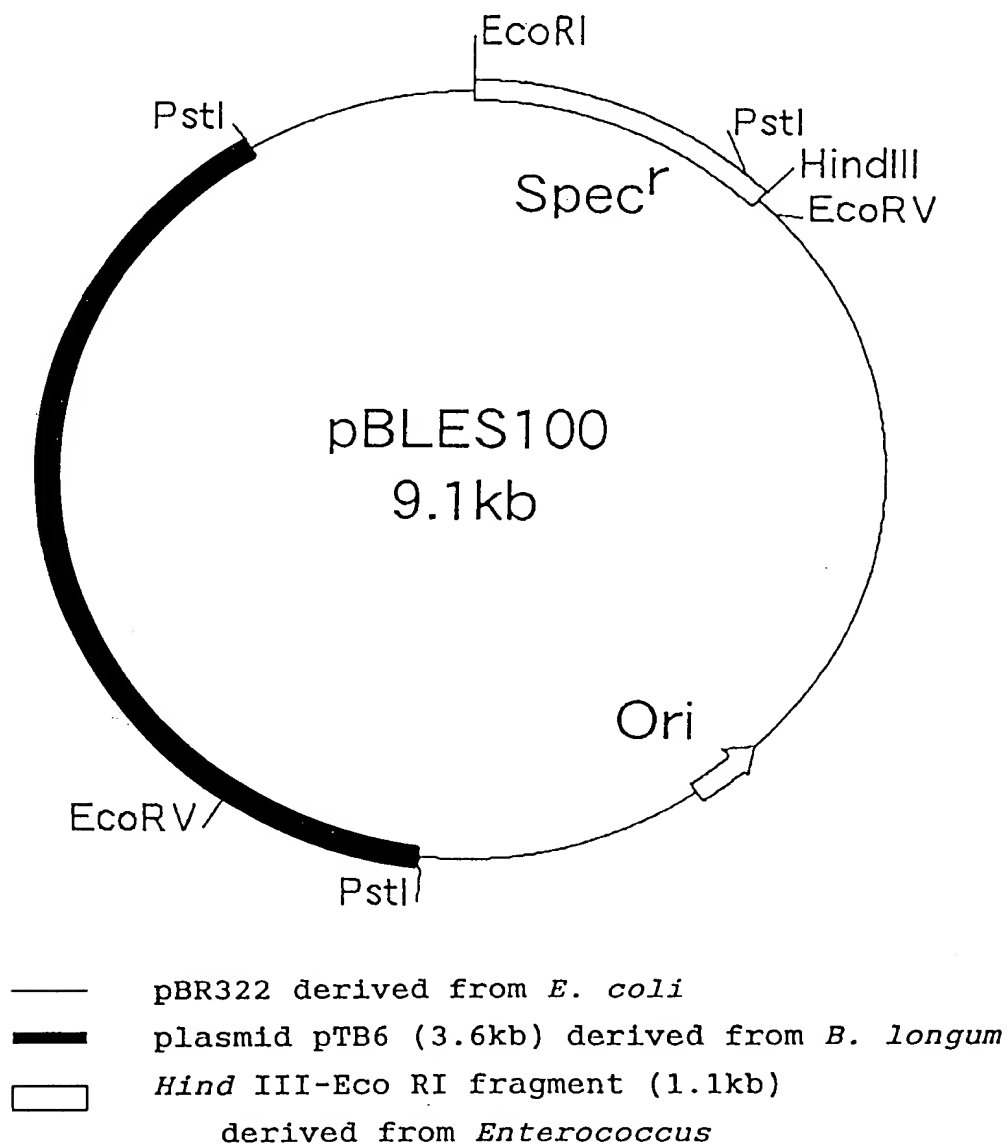


FIG. 1



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 2

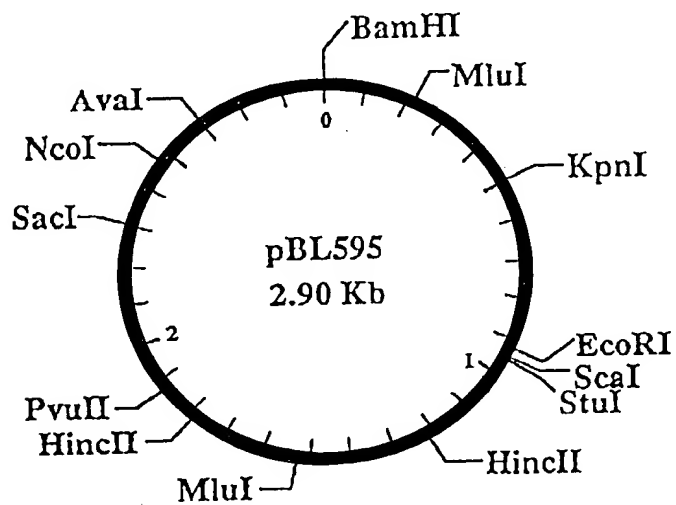
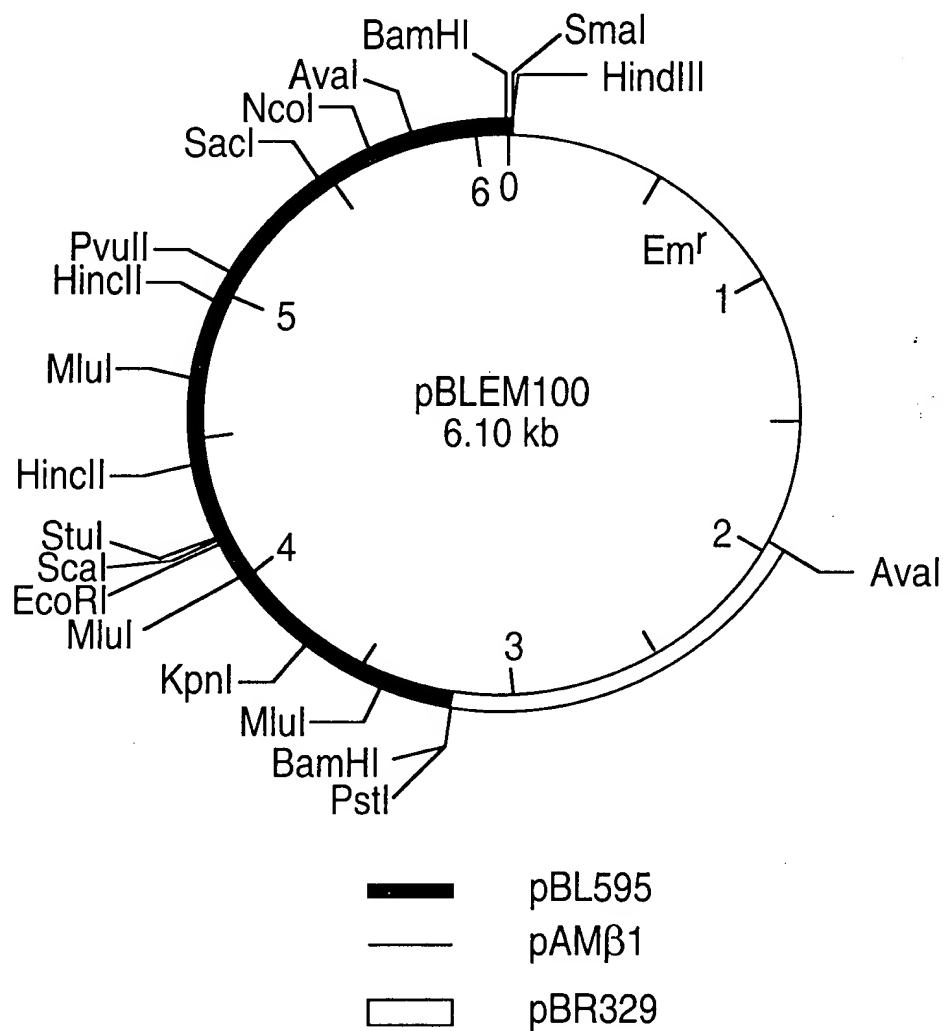
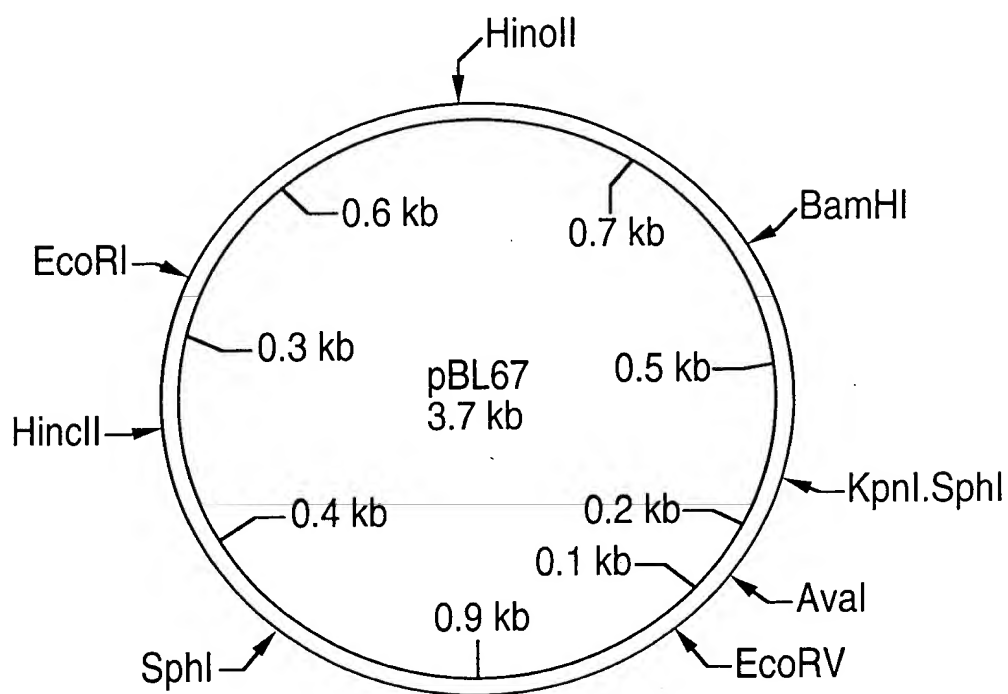


FIG. 3



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 4



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 5

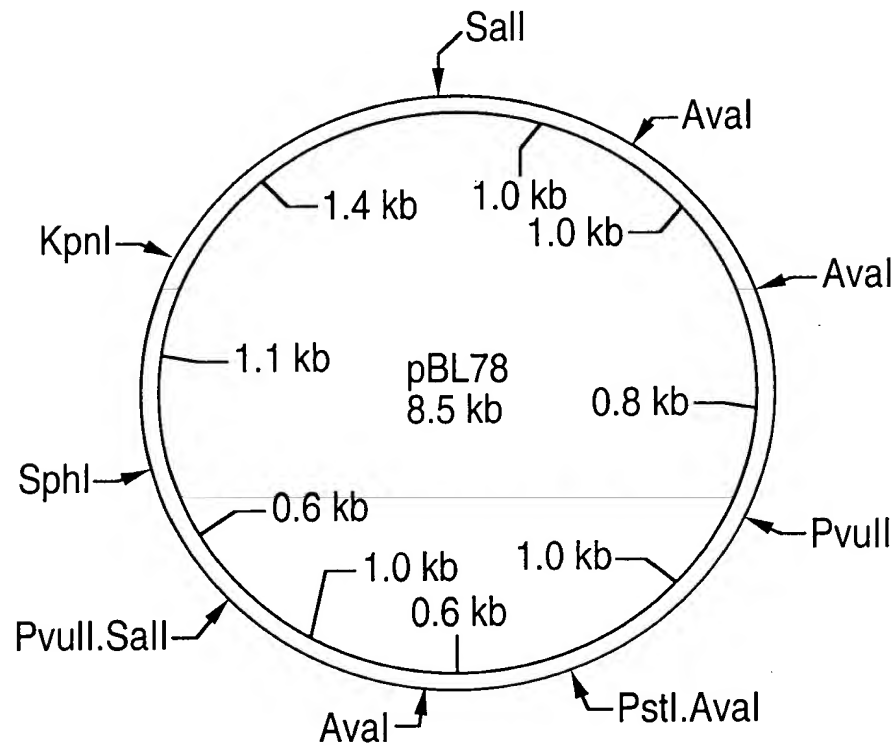
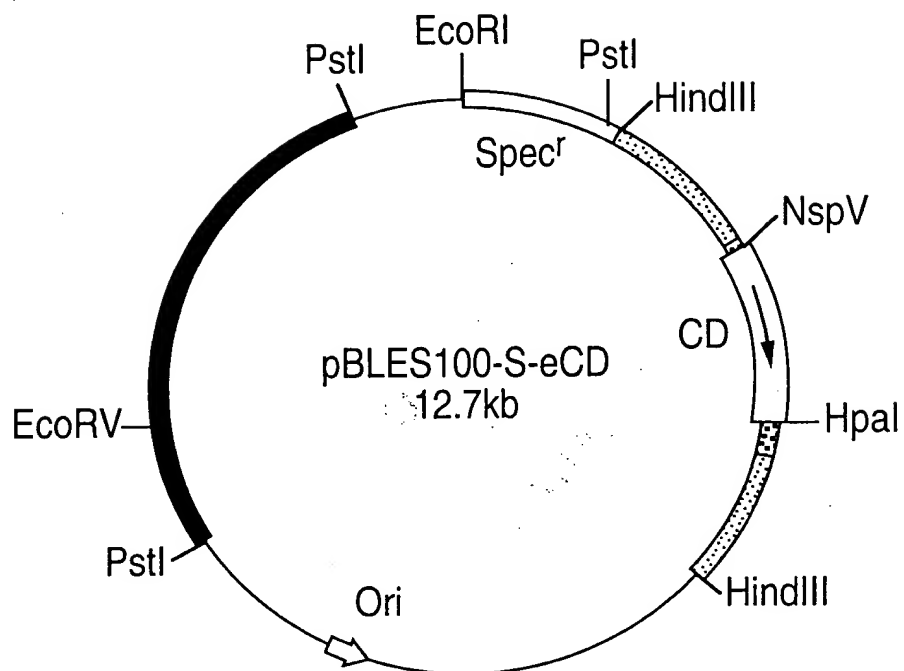


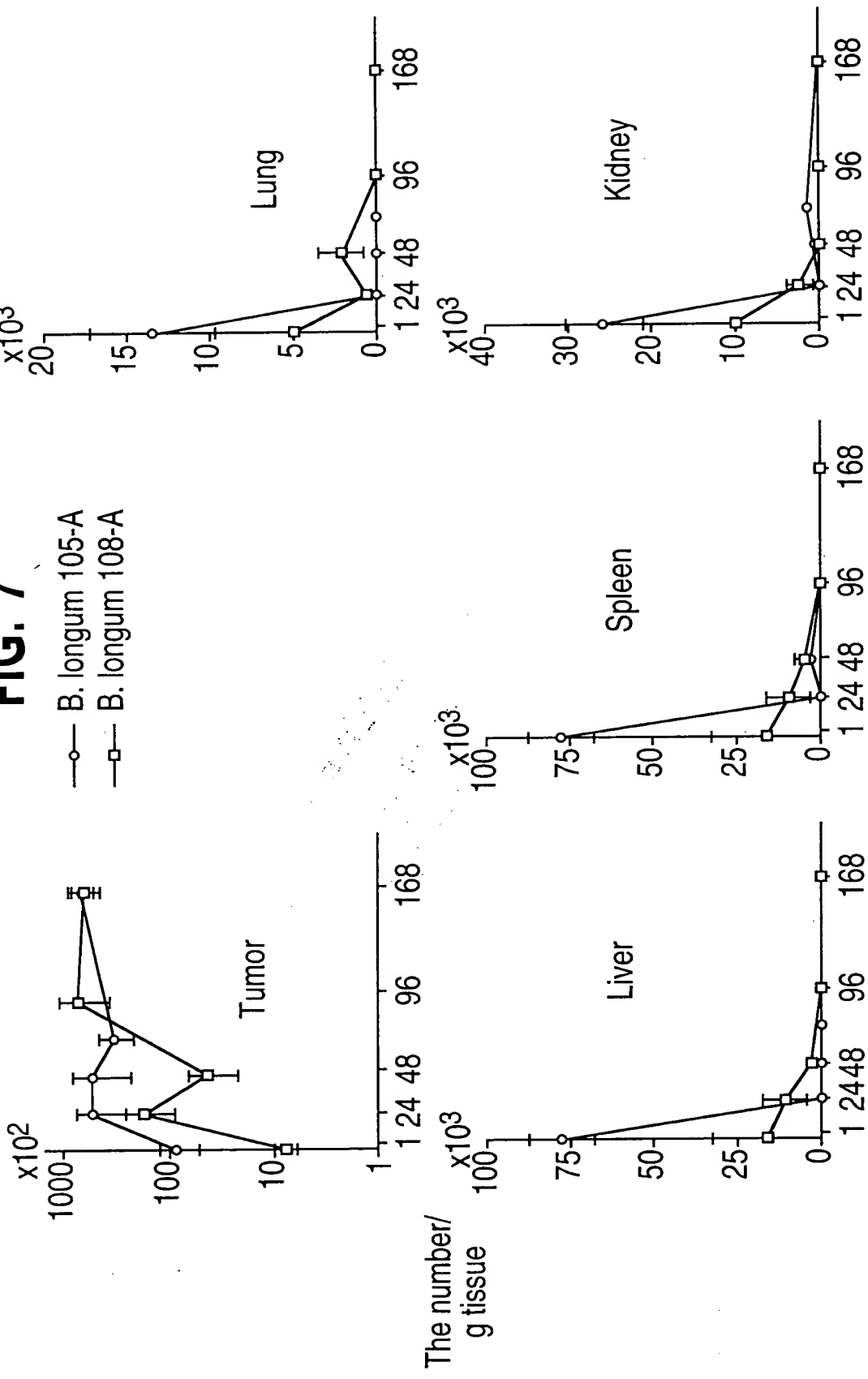
FIG. 6



- pBR322 derived from *E. coli*
- plasmid pTB6 (3.6kb) derived from *B. longum*
- Hind III-Eco RI fragment (1.1kb)
- derived from *Enterococcus*
- ▢ CD gene derived from *E. coli*
- ▤ Hind III-treating fragment of the *B. longum* gene
- ▥ region containing a promoter for the HU gene derived from *B. longum*
- ▧ region containing a terminator for the HU gene derived from *B. longum*

FIG. 7

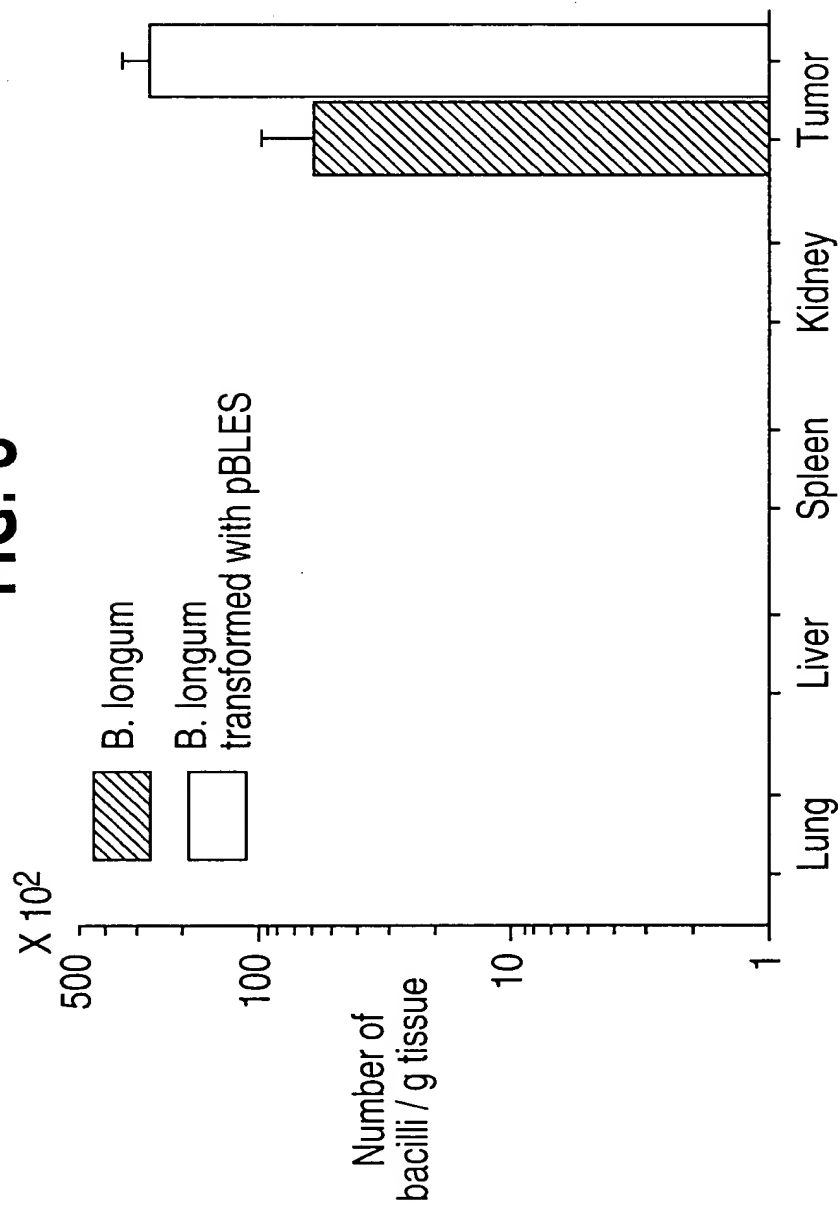
—○— B. longum 105-A
 —□— B. longum 108-A



Hours after B. longum injection

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 8



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 9

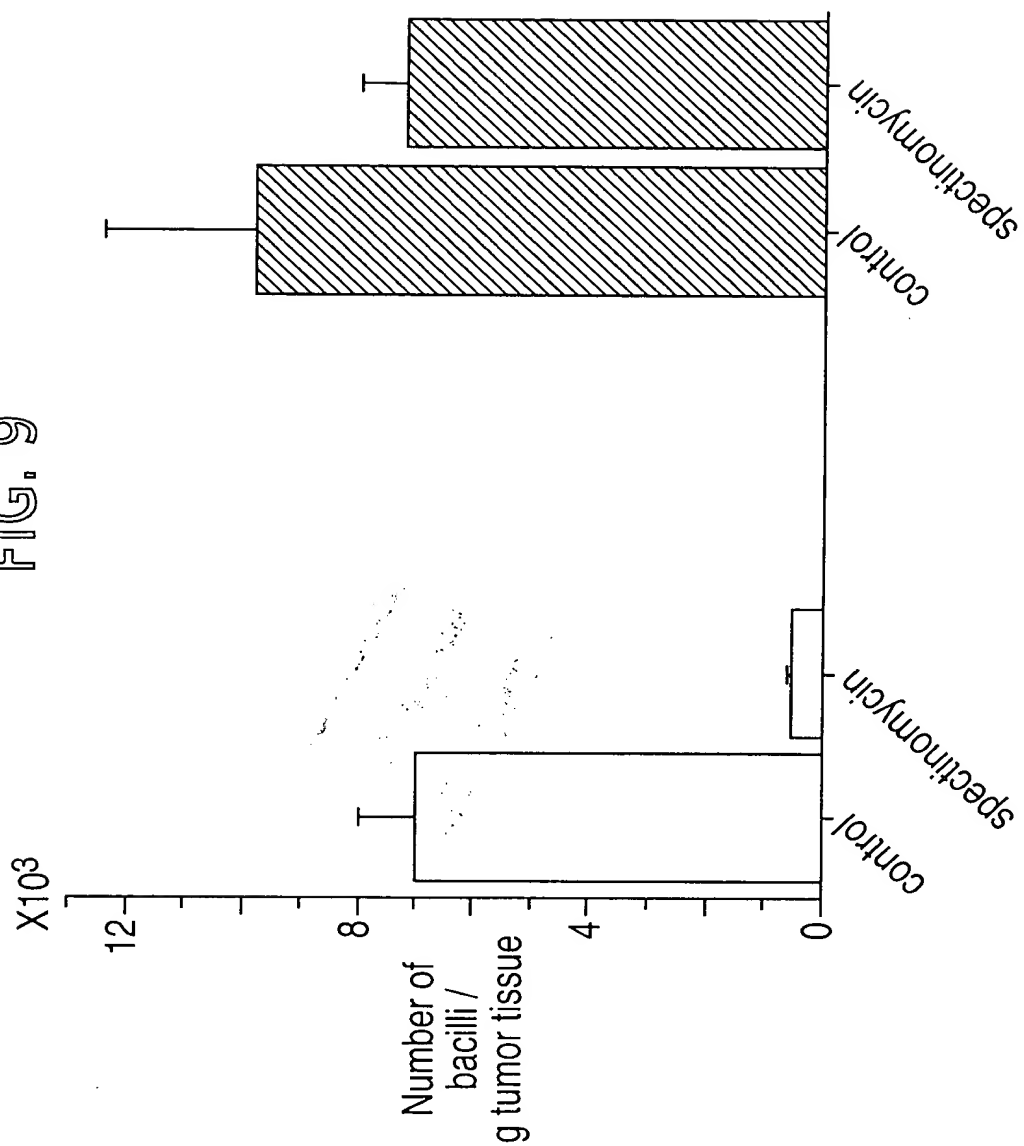
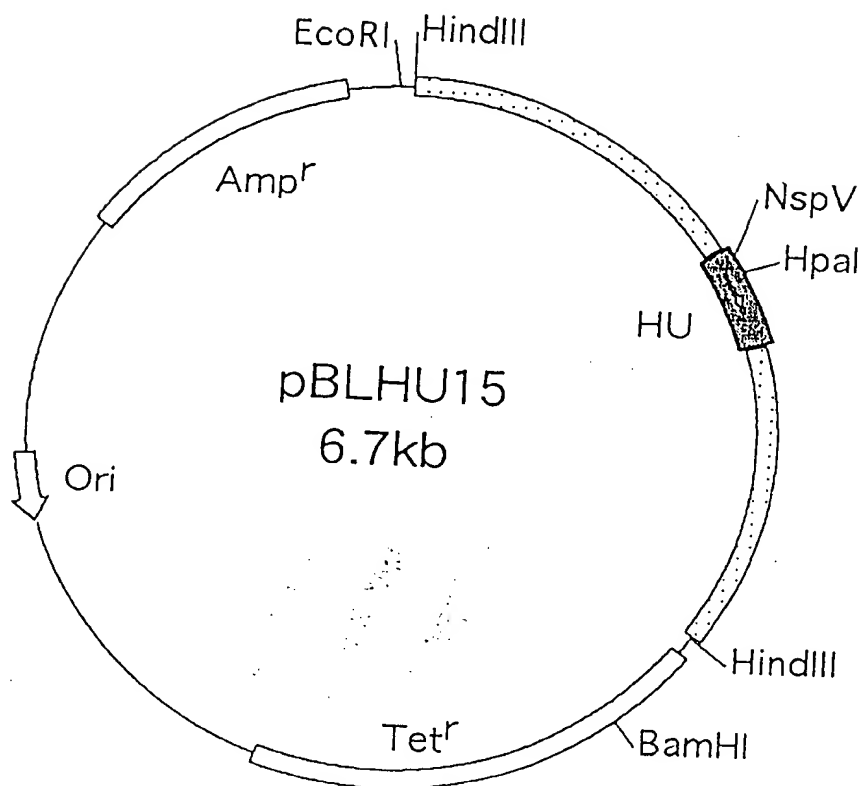


FIG. 10



- pBR322 derived from *E. coli*
- HU gene from *B. longum*
- Ampicillin resistance gene in pBR322
- Amp^r derived from *E. coli*
- Tetracycline resistance gene in pBR322
- Ter^r derived from *E. coli*
- ... Hind III-treating fragment of the *B. longum* gene

FIG. 11

